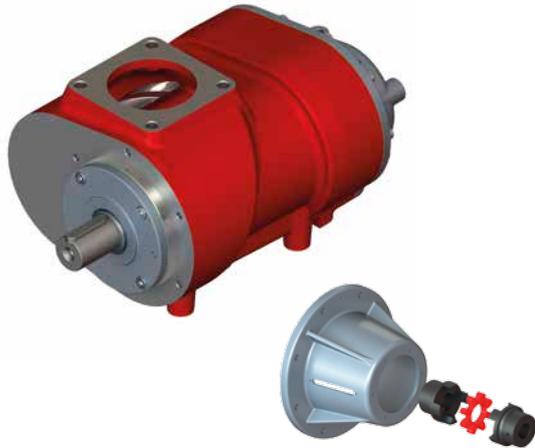


OIL- INJECTED AIR-END V150

www.vmcitaly.com
www.vmc-usa.com



MAIN FEATURES:

ROTOR PROFILE: VMC has engineered its own rotor profile in order to reach maximum performance even in the most extreme conditions and guarantee efficiency and duration. This means higher air-flow rate for less energy consumption. **ROTOR Adjustment:** Threaded nuts are used to adjust rotors for a very fast and reliable maintenance. **BEARINGS:** Radial and thrust bearings have been engineered for generous reserve. Only first-quality bearings are used. **SHAFT SEAL:** An excellent reliability of shaft seal, thanks to the use of first-rate quality materials leads to no oil leakages. **VERSIONS available:** belt and gear-driven. **DIRECT DRIVEN:** Air-ends can be supplied with relative direct-driven kit (bell housing + spider couplings).

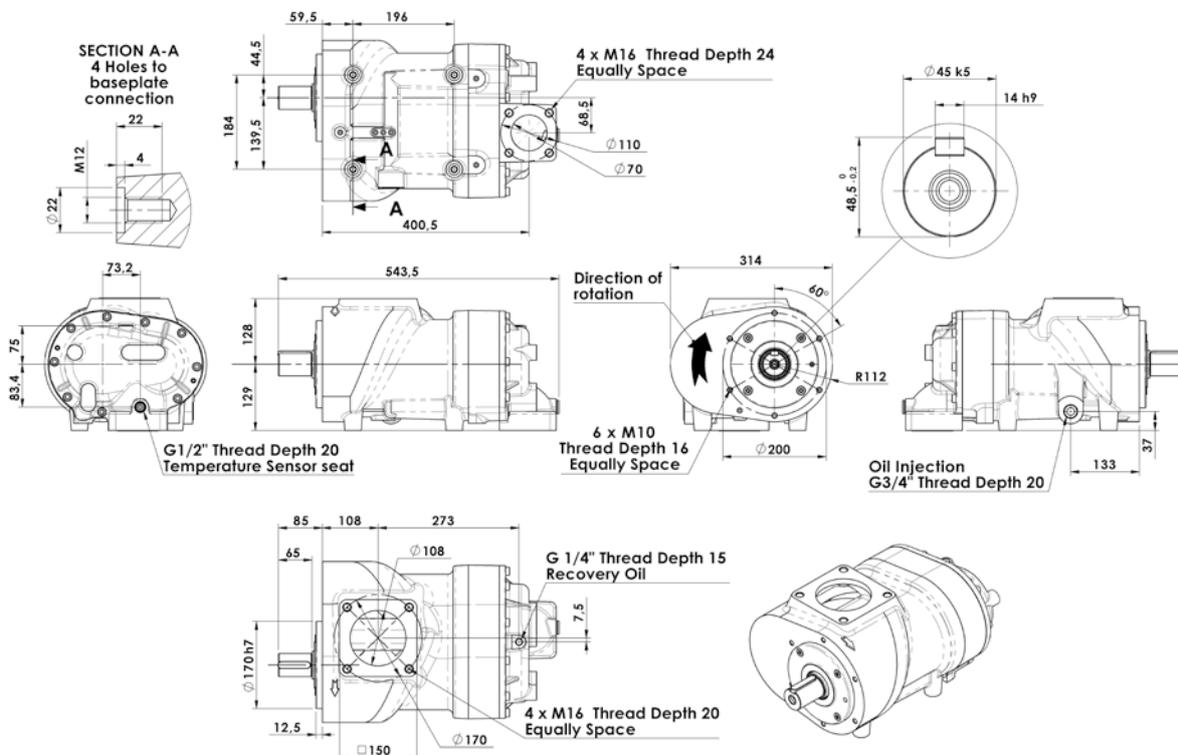
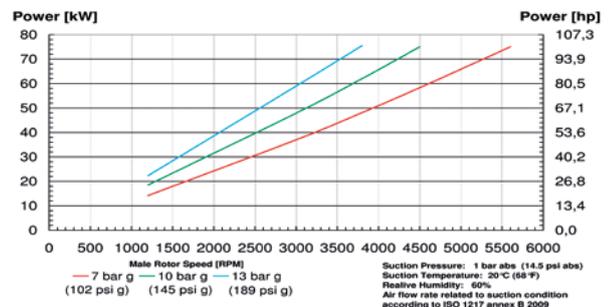
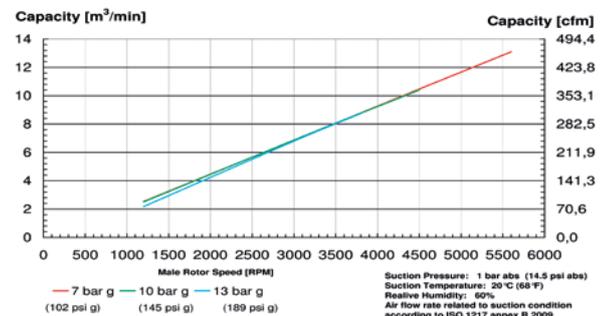
SPECIAL APPLICATION: Air-end are also available for Natural Gas applications.

MAINTENANCE:

The wear-and-tear of air-end components depends on compressor applications and operating parameters. Air-end inspection and ordinary maintenance are recommended using VMC's original spare parts kits whose instructions are indicated in the maintenance and trouble-shooting document.

| TECHNICAL DATA | | V150 | V150G |
|-----------------------------------------|---------------------|--------------|-----------|
| Outside male diameter: | mm - inch | 150.3 - 5,93 | |
| Outside female diameter: | mm - inch | 119.2 - 4,69 | |
| L/D: | | 1,55 | |
| Air Capacity (ISO 1217 ANNEX B 2009) | m ³ /min | 2,6 - 13 | |
| | cfm | 92 - 459 | |
| Max Working Pressure | bar g - psi g | 13 - 189 | |
| Min Working Pressure | bar g - psi g | 5 - 73 | |
| Oil injected Quantity | L/min | 75 - 105 | |
| | gal/min (US) | 20 - 28 | |
| Max Input Power | kW | 75 | |
| | hp | 100 | |
| Max main rotor speed | rpm | 5600 | |
| Max outlet air/oil Temperature | °C - °F | 105 - 221 | |
| Weight | kg - lb | 105 - 231 | 135 - 298 |

Air flow rate related to suction condition according to ISO 1217 Annex B 2009: relative humidity=60%; suction press. (abs)=1 bar; suction temp.=20°C; disch. temp.=80°C



INTEGRATED SYSTEM V150/VTDM PACK SMART V150G

www.vmcitaly.com
www.vmc-usa.com



Integrated System V150/VTDM

Pack Smart V150G

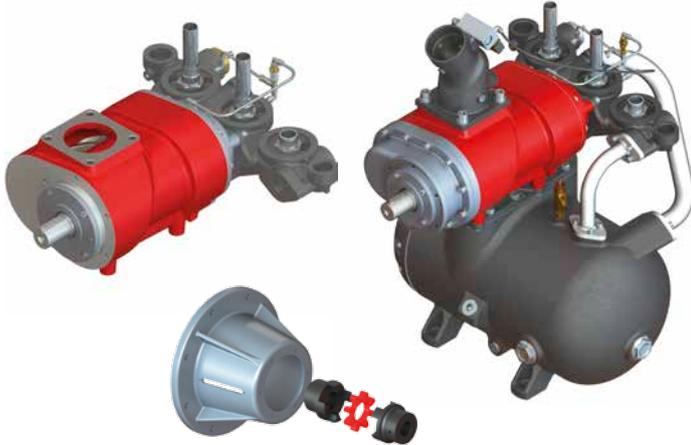
MAIN FEATURES:

AIR-END: Top-quality components and cutting-edge technology ensure reliability and long-lasting performance. Available in belt and gear-driven versions. **INTAKE VALVE:** Different working systems available: E (on-off), PM (totally pneumatic), P (hybrid) and NR (only with a check valve). **COMBINATION BLOCK SYSTEM:** It includes a thermostatic and minimum pressure valve, supports for spin-on separators and oil filters, a relative wide range of nipples. Thermostatic units available at different working temperatures. **OIL RECOVERY VIEWER:** Equipped with a check valve and calibrated nozzle. **SAFETY VALVE:** CE certified, available for different working pressures. **TANK SEPARATOR:** Tested and certified for working pressures up to 15 bars. Equipped with filling plug, drainage tap and oil level viewer. Different certifications (CE, ASME, etc.) provided upon request. **FILTERS:** air, oil and separator filters supplied separately on demand. **DIRECT DRIVEN:** Integrated and Pack Smart systems supplied with relative direct-driven kit (bell housing + spider couplings).

SPECIAL APPLICATION: PackSmart are also available for Natural Gas applications.

MAINTENANCE:

The wear-and-tear of the Integrated and PackSmart systems depends on compressor applications and operating parameters. Their inspection and ordinary maintenance are recommended using VMC's original spare parts kits whose instructions indicated in the maintenance and troubleshooting document.



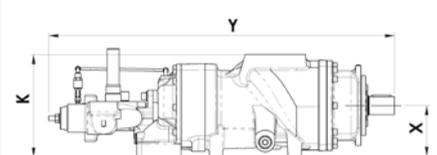
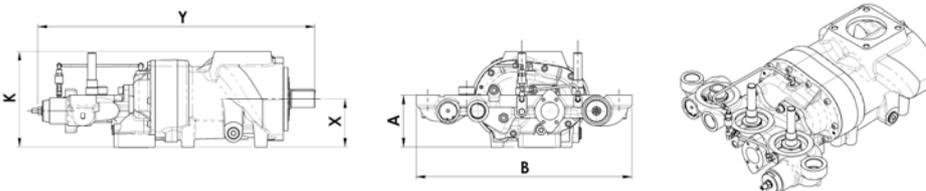
Pack Smart V150D

| TECHNICAL DATA | | For performances data see V150 technical data | | | |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------|-----------------|------------------|
| Oil Inlet/Outlet | inch | 1" 1/4 Gas | | | |
| Air outlet (From Air-end) | mm - inch | Ø70 - Ø2,76 | | | |
| Air Inlet (From Tank) | inch | 2" Gas | | | |
| Air outlet (From MPV) | inch | 1 1/2" Gas | | | |
| Oil nipples Size | inch | 3/4"-16 UNF or 3/4"GAS or 1"-12 UNF | | | |
| Air nipples Size | mm | M32x1,5 No.2 or M39x1,5 No.2 | | | |
| Thermostat Temperature Setting available | °C | 55-70 or 71-85 or 83-95 | | | |
| | °F | 131-158 or 159,8-185 or 181,4-203 | | | |
| Materials | Unit is made in anodized aluminium alloy, steel and cast iron. Inside parts in aluminium alloy, steel, brass and FPM/FKM sealing. | | | | |
| Dimensions | | V150/VTDM | V150G/VTDM | Pack Smart V150 | Pack Smart V150G |
| Weight | kg - lb | 115 - 253 | 148 - 326,3 | 240 - 529 | 273 - 602 |
| Y | mm - inch | 742 - 29,2 | 846 - 33,3 | 810 - 31,89 | 914 - 36 |
| X | mm - inch | 129 - 5,1 | | 596.5 - 23,48 | |
| K | mm - inch | 257 - 10,1 | | 954 - 37,56 | |
| B | mm - inch | 578 - 22,75 | | 727 - 28,62 | |
| A | mm - inch | 139 - 5,47 | | 607 - 23,9 | |

Attention: The drawing below is not suitable for all models. Please log on to our website for specific drawings.

V150/ VTDM

V150G / VTDM



Pack Smart V150

Pack Smart V150G

